

Title (en)

Method of and apparatus for providing a flow of data to a mobile communication device

Title (de)

Verfahren und Vorrichtung zur Bereitstellung eines Datenstroms an eine mobile Kommunikationsvorrichtung

Title (fr)

Procédé et appareil pour la fourniture d'un flux de données vers un dispositif de communication mobile

Publication

EP 2413632 A1 20120201 (EN)

Application

EP 10305833 A 20100728

Priority

EP 10305833 A 20100728

Abstract (en)

A method of and apparatus for providing a flow of data to a mobile communication device, the method comprising: receiving a notification that a mobile communication device, in the process of receiving a stream of data from an application server, is leaving a source network, selecting a target network for the mobile communication device to handover to when it leaves the source network; selecting a home agent device for receiving data of the data stream from the application server for forwarding to the mobile communication device; wherein data of the data stream not yet received by the mobile communication device from the application server is routed to the home agent device for forwarding to the mobile communication device; providing the application server with the target network address of the mobile communication device, to enable the application server to forward data of the data stream to the target network address when the mobile communication device is handed over to the target network.

IPC 8 full level

H04W 36/14 (2009.01); **H04L 29/06** (2006.01); **H04W 8/06** (2009.01); **H04W 80/04** (2009.01)

CPC (source: EP US)

H04L 65/1063 (2013.01 - EP); **H04L 65/1086** (2013.01 - EP); **H04W 36/02** (2013.01 - EP); **H04W 80/04** (2013.01 - EP);
H04L 65/80 (2013.01 - EP); **H04W 8/065** (2013.01 - EP); **H04W 36/1446** (2023.05 - EP US); **H04W 36/36** (2013.01 - EP US)

Citation (applicant)

- WO 2009103460 A1 20090827 - PANASONIC CORP [JP], et al
- WO 2009073101 A1 20090611 - LUCENT TECHNOLOGIES INC [US], et al

Citation (search report)

- [Y] EP 1868402 A1 20071219 - FRANCE TELECOM [FR]
- [XYI] "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Architecture enhancements for non-3GPP accesses (Release 10)", 3GPP STANDARD; 3GPP TS 23.402, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. V10.0.0, 10 June 2010 (2010-06-10), pages 1 - 208, XP050441575
- [XYI] CHUN-HSIN WU ET AL: "Bi-directional route optimization in mobile ip over wireless lan", VTC 2002-FALL. 2002 IEEE 56TH. VEHICULAR TECHNOLOGY CONFERENCE PROCEEDINGS. VANCOUVER, CANADA, SEPT. 24 - 28, 2002; [IEEE VEHICULAR TECHNOLOGY CONFERENCE], NEW YORK, NY : IEEE, US, vol. 2, 24 September 2002 (2002-09-24), pages 1168 - 1172, XP010609000, ISBN: 978-0-7803-7467-6, DOI: 10.1109/VETECF.2002.1040788
- [A] VOGT UNIVERSITAET KARLSRUHE (TH) J ARKKO ERICSSON RESEARCH NOMADIC LAB C: "A Taxonomy and Analysis of Enhancements to Mobile IPv6 Route Optimization; rfc4651.txt", IETF STANDARD, INTERNET ENGINEERING TASK FORCE, IETF, CH, 1 February 2007 (2007-02-01), XP015055033, ISSN: 0000-0003

Cited by

US10015797B2; WO2015013567A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2413632 A1 20120201; WO 2012013630 A1 20120202

DOCDB simple family (application)

EP 10305833 A 20100728; EP 2011062733 W 20110725